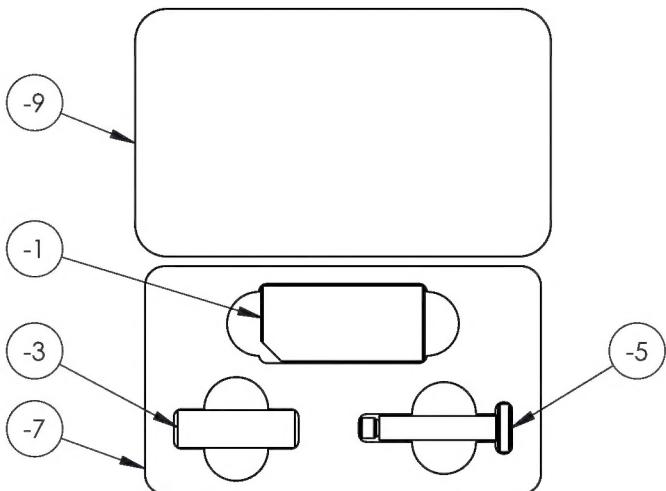


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	8/12/2016	RJC	JAG

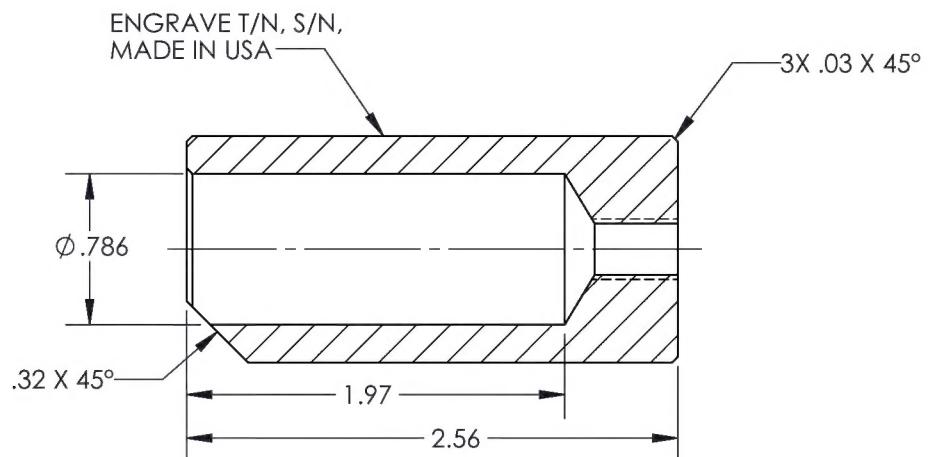
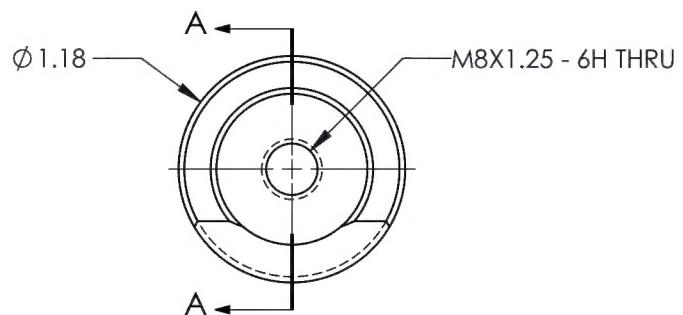
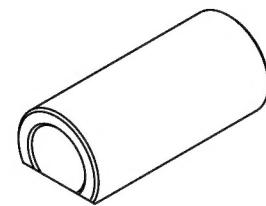


NOTE:
REF. EUROCOPTER T/N 105-31702W12.

RBET05-31702W12											
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
		-1	1	SUPPORT	A36/1018/1020 HR			2	HEAT TREAT FINISH	.XXX ± .005 FRACTIONS ± 1/8	
		-3	1	GUIDE TUBE	A36/1018/1020 HR			3	SPEC	.XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125	
		-5	1	DRIFT	4140/4142			4	DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
	B/O	-7	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	1.90 X 3.56 X 6.18	(CASE SOLUTIONS)	5	CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
	B/O	-9	1	TOP FOAM	ETHAFOAM 220, BLACK	.75 X 3.87 X 6.49	(CASE SOLUTIONS)	6	OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
	B/O	-11	1	CASE	PLASTIC	PELICAN CASE #APP-1050-E		N/S	QA APPR: LINDSAY	USED ON MODEL	
	B/O	1	DART PLACARD		ALUMINUM	RB41011		N/S	APPROVED: GILBERT	EC145	
									SCALE 1:3	DATE 1/14/2016	SHEET 1 OF 6

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV		ECR		REVISIONS		
				DESCRIPTION		DATE
				INITIAL	APPROVED	



SECTION A-A

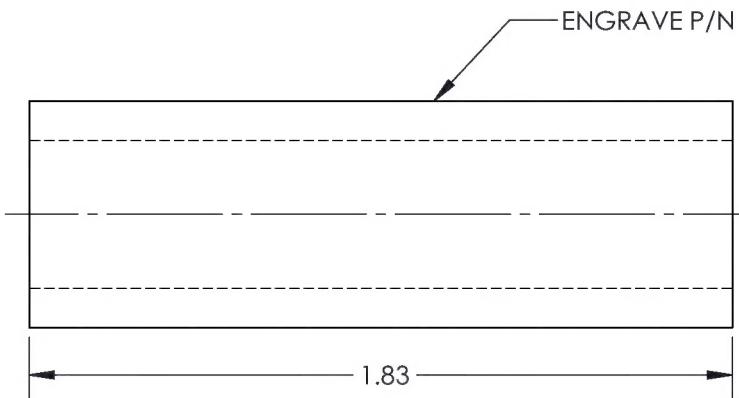
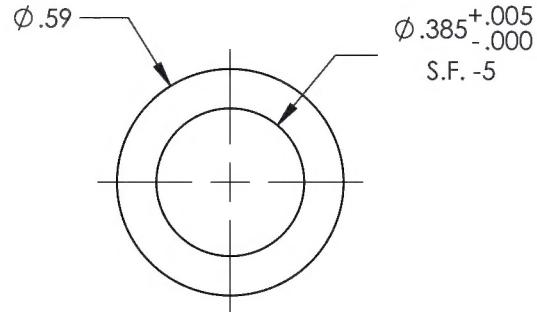
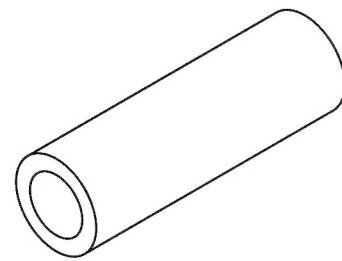
(-1)

SUPPORT

DART AEROSPACE	
TITLE	
PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-1 REV 1	
MAT'L A36/1018/1020 HR UNLESS OTHERWISE SPECIFIED	
HEAT DIMENSIONS ARE IN INCHES	
TREAT FRACTIONS $\pm \frac{1}{16}$	
FINISH ZINC PLATE ANGLES $\pm 5^\circ$	
SPEC ASTM B633 TYPE I SC 2 SURFACES = 125	
DRAWN BY: CLOUGH .XXX $\pm .005$	
CHECKED: DUERFELDT .XX $\pm .01$	
OPPS APPR: ANDERSON X $\pm .1$	
QA APPR: LINDSAY .015 x 45° OR .015R	
APPROVED: GILBERT 2. DIMENSIONAL LIMITS APPLY	
EC145 3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009 USED ON MODEL	
SCALE 1:1	DATE 1/14/2016
SHEET 2 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
-----	-----	-----------	-------------	------	---------	----------



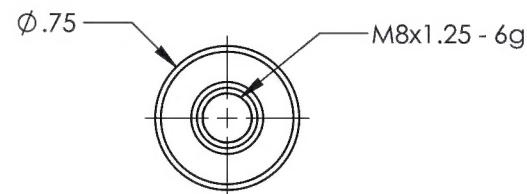
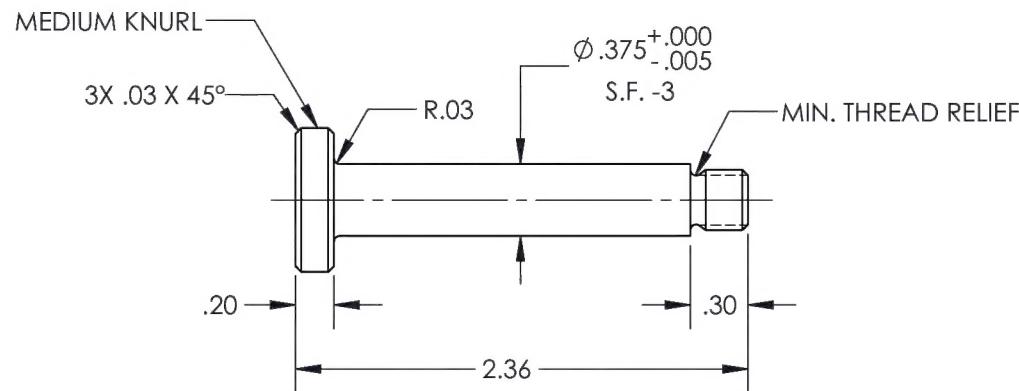
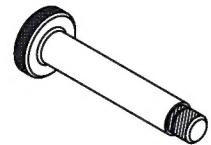
(-3)

GUIDE TUBE

TITLE	
PUSHING-OUT TOOL	
DWG NO. RBT105-31702W12-3 REV 1	
MAT'L A36/1018/1020 HR UNLESS OTHERWISE SPECIFIED	
HEAT DIMENSIONS ARE IN INCHES	
TREAT .XXX ± .005 FRACTIONS ± 1/8	
FINISH .XX ± .01 ANGLES ± 5°	
SPEC ZINC PLATE .X ± .1 SURFACES = 125 ✓	
ASTM B633 TYPE I SC 2	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
SCALE 2:1	DATE 1/14/2016
SHEET 3 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
-----	-----	-----------	-------------	------	---------	----------



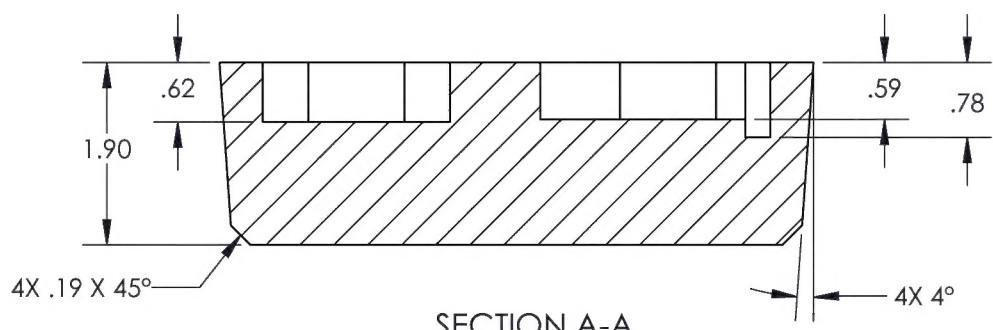
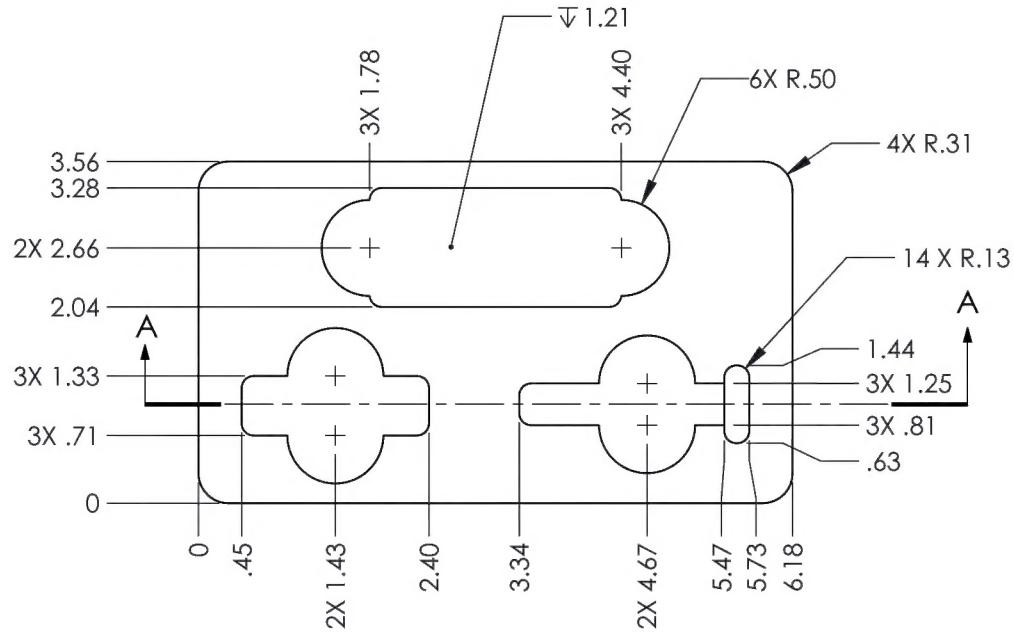
(5)

DRIFT

TITLE	
PUSHING-OUT TOOL	
DWG NO.	RBE105-31702W12-5
REV	1
MATERIAL 4140/4142	
HEAT TREAT RC 28-32	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:1
DATE	1/14/2016
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
EC145	
SHEET 4 OF 6	

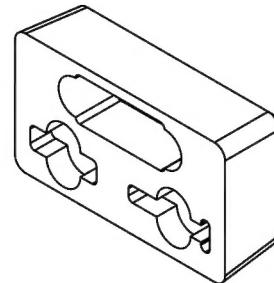
This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV	ECR	REVISIONS		
		DESCRIPTION	DATE	INITIAL APPROVED



(-7)

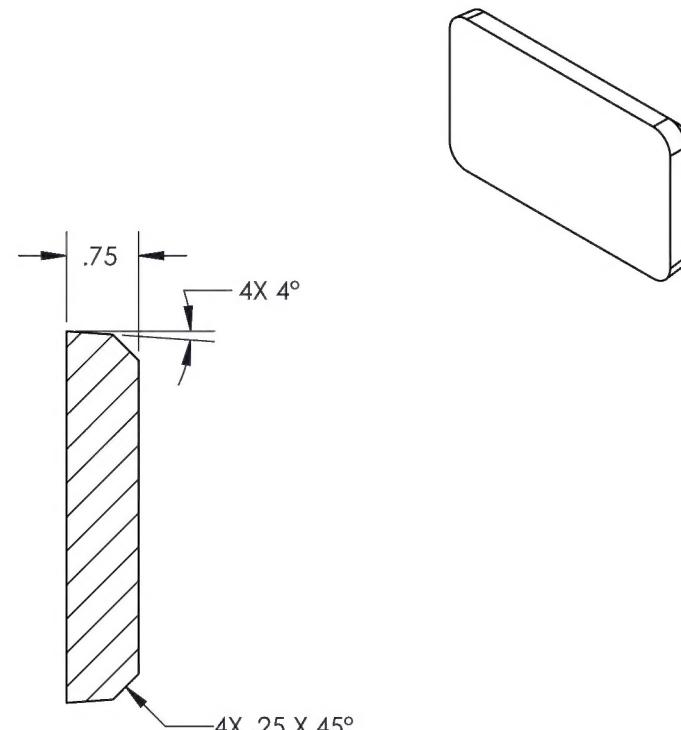
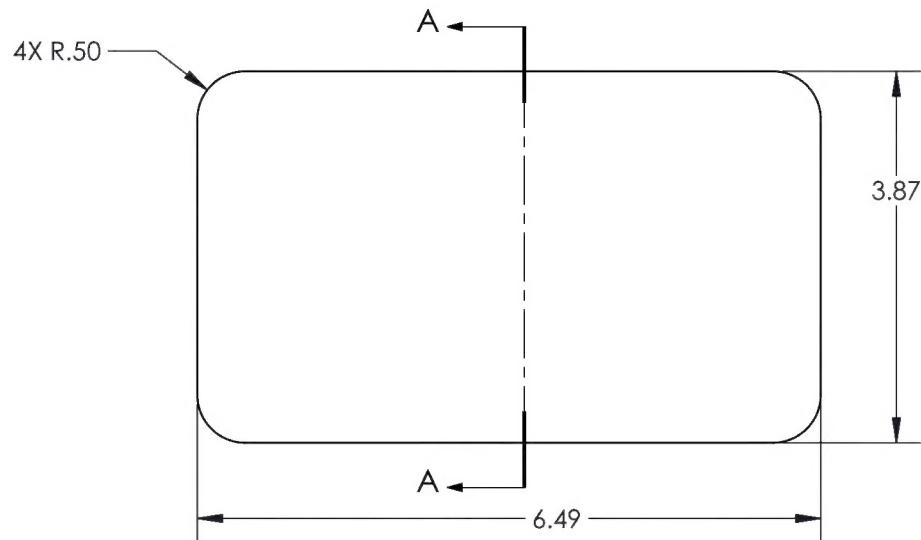
BOTTOM FOAM



DART AEROSPACE	
TITLE	
PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-7	
REV 1	
MATERIAL ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
X ± .1 SURFACES = 125 ✓	
SPEC	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:2
DATE	1/14/2016
SHEET 5 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
-----	-----	-----------	-------------	------	---------	----------



(-9)
TOP FOAM

DART AEROSPACE	
TITLE	
PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-9	
REV 1	
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	X ± .1 SURFACES = 125 ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
SCALE 1:2	DATE 1/14/2016
SHEET 6 OF 6	